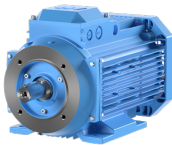


PRODUCT-DETAILS

# 3GAA098500-BDF

## (3GAA098500-BDF)



General Information	
Product ID	3GAA098500-BDF
ABB Type Designation	M3AA 90L 6-12
Catalog Description	(3GAA098500-BDF)

Ordering	
ABB Type Designation	M3AA 90L 6-12
Invoice Description	M3AA 90L 6-12
Product Name	3-Phase squirrel cage motor
Product Type	3AA2_M3AA_IE2_AA
Made To Order	No
Minimum Order Quantity	1 piece
Order Multiple	1 piece
Selling Unit of Measure	piece
Country of Origin	Finland (FI)
Customs Tariff Number	85015220

Electrical	
Electrical Data	

Conn	Temp Class	Freq	Voltage	Power	Speed	Current	Power Factor	Efficiency	Torque	IS/IN
YY	--	50 Hz	400 V	0.75 kW	930 r/min	2.40 A	0.730	64.00 %	7.70 N·m	3.00
Y	--	50 Hz	400 V	0.12 kW	450 r/min	0.90 A	0.540	36.00 %	2.50 N·m	1.80
Temperature Class Default										--
Altitude										1000 m
Ambient Temperature										40 °C
IC Class										IC411
IE Class Data (50 Hz)										IE Class NA Full Load (100%) 36.0 % Partial Load (75%) 28.0 % Partial Load (50%) 23.3 %
IP Class										IP55
Insulation Class										ICLF
Direction of Rotation										Both sides
Number of Poles (High)										6
Two Speed Motor										Yes
Type of Duty										S1
Voltage Code										D

Mechanical

Frame Material	Aluminum
Frame Size	90
Bearing	6205-2Z/C3
Bearing NDE	6204-2Z/C3
IM Class	IMB5 IM3001
Terminator Box Location	D-End top

Dimensions

Package Level 1 Units	0 carton
Product Net Weight	16 kg
Gross Weight	19 kg

Environmental

WEEE Category	5. Small Equipment (No External Dimension More Than 50 cm)
SCIP	27ac6190-e1ce-4080-8654-6552aaabbe58 Finland (FI)

Classifications

UNSPSC	26101100
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## Categories

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Motors and Generators → IEC Low Voltage AC Motors → Process Performance Motors → IE2 High Efficiency Aluminum Motors

